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WATER COMPLIANCE SECTION
EPA - REGION 10



STATE OF WASHINGTON

DEPARTMENT OF ECOLOGY

4350-150th Ave. N.E. • Redmond, Washington 98052-5301 • (206) 867-7000

April 12, 1988

Ruth Nelson, General Counsel
Marine Power & Equipment Co., Inc.
1441 North Northlake Way
Seattle, WA. 98103

RE: Sediment Analyses

Dear Ms. Nelson:

I have talked with the Grover Partee and our Olympia staffers developing the PSSDA and Ecology sediment criteria for both Puget Sound and fresh waters. The recommendations for sampling the sediments at Marine Power & Equipment are to analyze for the 58 compounds listed in Table A.7 of PSSDA's "Proposed Management Plan For Unconfined Open-Water Disposal of Dredged Material."

Because the sediment originates from a shipyard facility chemical analysis should also include tributyltin, dibutyltin and chromium. For the tributyltin analysis your laboratory may wish to consult with NOAA and the National Marine Fisheries for the specific procedures they use for tributyltin.

The Proposed Management Plan For Unconfined Open-Water Disposal also requires biological testing of the sediments if the chemical criteria are surpassed. However, we don't know that that is necessary yet.

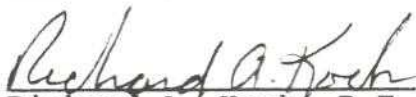
In addition if you are thinking of disposing of the dredge spoil upland the county will also need an EP Tox analyses of the metals.

If have you or your laboratory have any doubts regarding the EPA protocols for the analyses I suggest you contact Raleigh Farlow (442-1193) of the EPA's quality assurance group.

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If I can be of any other assistance please call me at 867-7037.

Sincerely,



Richard A. Koch, P.E.
Acting Metro Dist. Supervisor
Environmental Quality Section

Attachment
cc: Grover Partee
Steve Burke

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